

Vallecitos Water District

Torrey

Vallecitos Water District

Webb

231

twebb@vwd.org

Reporting Unit Base Year

Select a reporting period

Base Year 2008

BMP 1.3 Metering

Number of unmetered accounts in Base Year 0

BMP 3.1 & BMP 3.2 & BMP 3.3 Residential Programs

Number of Single Family Customers in Base Year 17,854

Number of Multi Family Units in Base Year 493

BMP 3.4 WaterSense Specification (WSS) Toilets

see comments

see comments

Average number of toilets per single family household see comments

Average number of toilets per multi family household see comments

Five year average resale rate of single family households see comments

Five-year average resale rate of multi family households see comments

Average number of persons per single family household see comments

Average number of persons per multi family household see comments

BMP 4.0 & BMP 5.0 CII & Landscape

Total water use (in Acre Feet) by CII accounts 534

Number of accounts with dedicated irrigation meters 793

Number of CII accounts without meters or with Mixed Use Meters 0

Number of CII accounts 1,207

Vallecitos is unable to obtain information on the five-year average resale rate of single family and multiple family households. The organizations we submitted requests to did not have this information readily available.

The fields in red are required.

Primary contact:

Agency name: **Vallecitos Water District** First name: **Torrey**
 Division name (Reporting unit): **Vallecitos Water District** Last name: **Webb**
 Reporting unit number: **231** Email: **twebb@vwd.org**



WATER SOURCES

Service Area Population: **87,700**

Potable Water

Own Supply Source Name	AF/YEAR	Water Supply Type	Water Supply Description
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	

Imported Supply Source Name	AF/YEAR	Water Supply Type	Water Supply Description
Colorado River	15,858.81	Surface	Transported from Lake Skinner
Sacramento-San Joaquin Delta	3,248.19	Surface	Transported from Lake Skinner
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	

Exported Water Name	AF/YEAR	Where Exported?

2009

The fields in red are required:

Primary contact:

Agency name: Vallecitos Water District

First name: Torrey

Reporting unit name

(District name) Vallecitos Water District

Last name: Webb

Reporting unit number: 231

Email: twebb@vwd.org

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.



[Link to FAQs](#)

2009

BMP 1.1 Operations Practices

Comments:

[See the complete MOU:](#) [View MOU](#)

[See the coverage requirements for this BMP:](#)

Conservation Coordinator

Conservation Coordinator ☐ Yes ☒ No

Contact Information

First Name: Torrey

Last Name: Webb

Title: Public Information Representative

Phone: 760-744-0480

Email: twebb@vwd.org

Note that the contact information may be the same as the primary contact information at the top of the page. If this is your case, excuse the inconvenience but please enter the information again.

Water Waste Prevention

Water Agency shall do one or more of the following:

- Enact and enforce an ordinance or establish terms of service that prohibit water waste
- Enact and enforce an ordinance or establish terms of service for water efficient design in new development
- Support legislation or regulations that prohibit water waste
- Enact an ordinance or establish terms of service to facilitate implementation of water shortage response measures
- Support local ordinances that prohibit water waste
- Support local ordinances that establish permits requirements for water efficient design in new

To document this BMP, provide the following:

- A description of, or electronic link to, any ordinances or terms of service
- A description of, or electronic link to, any ordinances or requirements adopted by local jurisdictions or regulatory agencies with the water agency's service area.
- A description of any water agency efforts to cooperate with other entities in the adoption or enforcement of local requirement
- description of agency support positions with respect to adoption of legislation or regulations

You can show your documentation by providing files, links (web addresses), and/or entering a description.

File name(s): Email files to natalie@cuwcc.org

Web address(s) URL: comma-separated list

Enter a description:

For compliance, Vallecitos Water District adopted Ordinance No. 159. It is patterned after the conservation actions of its wholesaler and establishes regulation through water-saving actions that assure reasonable and beneficial use of water, prevent waste of water, and prevent unreasonable use within the Vallecitos Water District. The nine page document (available upon request) establishes four

ORDINANCE NO. 159

AN ORDINANCE OF THE VALLECITOS WATER DISTRICT REPEALING ORDINANCES NOS. 80-5, 94, AND 94-1 AND ADOPTING A DROUGHT RESPONSE CONSERVATION PROGRAM

BE IT ORDAINED by the Board of Directors of the Vallecitos Water District as follows:

Section 1. DECLARATION OF NECESSITY AND INTENT OF DROUGHT MANAGEMENT PLAN:

(a) This ordinance, revamped and patterned after the San Diego County Water Authority model Ordinance, establishes regulation to be implemented during times of declared water shortages or emergencies to conserve water, enable effective water supply planning, assure reasonable and beneficial use of water, prevent waste of water, and prevent unreasonable use of water within the Vallecitos Water District (District). Such actions are to assure adequate supplies of water to meet the needs of the public, and further the public health, safety, and welfare, recognizing that water is a scarce natural resource that requires careful management. This ordinance establishes four levels of drought response actions to be implemented in times of shortage or emergency with increasing restrictions on water use in response to worsening drought or emergency conditions and decreasing available supplies.

Section 2. APPLICATION:

(a) The provisions of this ordinance apply to any customer in the use of any water provided by the Vallecitos Water District ("District").

(b) This ordinance is intended solely to further the conservation of water. It is not intended to implement any provision of federal, State, or local statutes, ordinances, or regulations relating to protection of water quality or control of drainage or runoff. Refer to the local jurisdiction or Regional Water Quality Control Board for information on any storm water ordinances and storm water management plans.

(c) Nothing in this ordinance is intended to affect or limit the ability of the District to declare and respond to an emergency, including an emergency that affects the ability of the District to supply water.

(d) The provisions of this ordinance do not apply to use of the water from private wells or to recycled water.

(e) Nothing in this ordinance shall apply to use of water that is subject to a special supply program, such as the Metropolitan Water District of Southern California

Interim Agricultural Water Program or the San Diego County Water Authority Special Agricultural Rate programs. Violations of the conditions of special supply programs are subject to the penalties established under the applicable program. A person using water subject to a special supply program and other water provided by the District is subject to this ordinance in the use of the other water.

Section 3. DROUGHT RESPONSE LEVEL 1 – DROUGHT WATCH:

(a) This is also referred to as a “Drought Watch” condition. A Level 1 condition applies when the San Diego County Water Authority notifies the District that due to drought or other supply reductions, there is a reasonable probability there will be supply shortages and that a consumer demand reduction of up to 10 percent is required in order to meet anticipated demands. The District General Manager shall declare the existence of a Drought Response Level 1 and take action to implement the Level 1 conservation practices identified in this ordinance. With this alert, the District will increase public outreach and awareness to take action and implement the following Level 1 conservation practices:

(b) LEVEL 1 CONSERVATION PRACTICES

(1) Stop washing down pavements, including sidewalks, driveways, parking lots, tennis courts, or patios (except to alleviate sanitation hazards) is prohibited.

(2) Stop water waste that is the direct result of inefficient landscape irrigation (runoff, low head drainage, or overspray, etc.) as well as water flows onto non-targeted areas such as adjacent properties, hardscapes, and roadways.

(3) Only irrigate residential and commercial landscapes before 10 a.m. and after 6 p.m.

(4) Use a hand-held hose equipped with a positive shut-off nozzle or bucket to irrigate landscaped areas, including trees and shrubs located on residential and commercial properties that are not watered by an automatic system.

(5) Nursery and commercial grower products can be irrigated before 10 a.m. and 6 p.m. only. Watering with a hand-held hose equipped with a positive shutoff nozzle, bucket, or by drip/micro-irrigation system/equipment is permitted anytime. Irrigation of nursery propagation beds and the watering of livestock are also permitted anytime.

(6) Use re-circulated water to operate ornamental fountains.

(7) Wash vehicles using a bucket and hand-held hose with positive shut-off nozzle, mobile high pressure/low volume wash system, or at a commercial site that re-circulates water on site. Avoid washing during hot conditions when additional water is required due to evaporation.

(8) Serve and refill water in restaurants and other food establishments only upon request.

(9) Offer guests in hotels, motels, and other commercial lodging establishments the option of not laundering towels and linens daily.

(10) Repair all water leaks within five days of notification by the District unless other arrangements are made with the General Manager.

(11) Use recycled or non-potable water for construction purposes when available.

Section 4. DROUGHT RESPONSE LEVEL 2 – DROUGHT ALERT:

(a) This is an official "Drought Alert" condition. Initiating this level is a notification to the District from wholesaler San Diego County Water Authority that, due to cutbacks caused by drought or other reduction in supplies, a consumer demand reduction of up to 20 percent is necessary to have sufficient supplies to meet anticipated demand. The District Board of Directors shall declare the existence of Drought Response Level 2 condition and implement mandatory conservation measures identified with this ordinance. All customers receiving water from the District shall comply with LEVEL 1 Drought Watch practices, but also adhere to the following measures identified in the LEVEL 2 Drought Watch:

(b) LEVEL 2 CONSERVATION PRACTICES

(1) Residential and commercial landscape irrigation will be limited to no more than three assigned days per week on a schedule established by the General Manager of the District. November through May, landscape irrigation is limited to no more than once per week on a schedule established by the General Manager and posted by the District. This shall not apply to commercial growers or nurseries.

(2) Irrigation using sprinklers will be limited to no more than 10 minutes per watering station per day. Systems using water-efficient devices, including but not limited to: weather based controllers, drip/micro-irrigation systems and stream rotors are excluded.

(3) Water landscaped areas, including trees and shrubs located on residential and commercial properties, and not irrigated by a landscape irrigation system governed by section 4 (b) (1) in the same schedule set forth in section 4

(b) (1) by using a bucket, a hand-held hose with positive shut-off nozzle, or low-volume non-spray irrigation.

(4) All leaks must be repaired within 72 hours of notification by the District unless other arrangements are made with the District General Manager.

(5) Stop operation of ornamental fountains of similar decorative water features unless recycled water is used.

Section 5. DROUGHT RESPONSE LEVEL 3 – DROUGHT CRITICAL:

(a) Drought Response Level 3 condition is also referred to as “Drought Critical” condition. A Level 3 condition applies when the San Diego Water Authority notifies the District that due to increasing cutbacks caused by drought or other reduction of supplies, a consumer demand reduction of up to 40 percent is required in order to have sufficient supplies available to meet anticipated demands. The District Board of Directors shall declare the existence of a Drought Response Level 3 condition and implement the Level 3 conservation measures. All customers of the District shall comply with Level 1 Drought Watch, Level 2 Drought Alert conservation practices as well as Level 3 mandatory measures:

(b) LEVEL 3 CONSERVATION PRACTICES

(1) Residential and commercial landscape irrigation will be limited to two assigned days per week on a schedule established by the General Manager and posted by the District. From November through May, landscape irrigation will be limited to no more than once per week on a schedule established by the General Manager and posted by the District. Nurseries and commercial growers shall remain exempt.

(2) Water landscaped areas, including trees and shrubs located on residential and commercial property and not irrigated by a landscape system, by bucket, hand-held hose with a positive shut-off nozzle, or low-volume non-spray irrigation.

(3) Ornamental lakes or ponds shall not be refilled, except to the extent needed to sustain aquatic life, provided that such animals are of significant value and have been actively managed within the water feature prior to declaration of a drought response level under this ordinance.

(4) Stop filling or refilling pools or spas.

(5) Stop washing vehicles except at commercial carwashes that recirculate water by high pressure/low volume wash systems.

(6) Repair all leaks within forty-eight hours of notification by the District unless other arrangements are made with the District General Manager.

(c) Upon the declaration of a Drought Response Level 3 condition, no new potable water service shall be provided, no new temporary meters or permanent meters shall be provided, and no statements of immediate ability to serve or provide potable water service (such as, will serve letters, certificates or letters of availability) shall be issued, except under the following circumstances:

(1) NEW POTABLE WATER SERVICE ALLOWANCE

(i) A valid, unexpired building permit has been issued for the project as of the date of adoption of a Drought Response Level 3 and meter capacity fees have been paid; or

(ii) The project is necessary to protect the public's health, safety and welfare; or

(iii) The applicant provides substantial evidence of an enforceable commitment that water demands for the project will be offset prior to the provision of a new water meter(s) to the satisfaction of the District.

This provision shall not be construed to preclude the resetting or turn-on of meters to provide continuation of water service or to restore service that has been interrupted for a period of one year or less.

(2) WATER RESETTING/METER TURN ON

(i) Upon the declaration of a Drought Response Level 3 condition, the District will suspend consideration of water service annexations to its area.

(ii) The District may establish a water allocation for property served by the District using a method that does not penalize persons for the implementation of conservation methods or the installation of water saving devices. If the District establishes water allocation it shall provide notice of the allocation by including it in the regular billing statement for the fee or charge or by any other mailing to the address to which the District customarily mails the billing statement for fees or charges for on-going water service. Following the effective date of the water allocation as established by the District, any person that uses water in excess of the allocation shall be subject to a penalty in the amount as adopted by the District Board of Directors from time to time for each billing unit of water in excess of the allocation. The penalty for excess water usage shall be

cumulative to any other remedy or penalty that may be imposed for violation for this ordinance.

Section 6. DROUGHT RESPONSE LEVEL 4 - DROUGHT EMERGENCY CONDITION:

(a) A Drought Response Level 4 condition is also referred to as a "Drought Emergency" condition. A Level 4 condition applies when the San Diego County Water Authority Board of Directors declares a water shortage emergency pursuant to California Water Code Section 350 and notifies the District that Level 4 requires a demand reduction of more than 40 percent in order for the District to have maximum supplies available to meet anticipated demands. The District shall declare a Drought Emergency in the manner and on the ground provided in California Water Code Section 350. All customers shall comply with conservation measures required during Level 1 Drought Watch, Level 2 Drought Alert, and Level 3 Drought Critical conditions and shall also comply with the following mandatory practices:

(b) LEVEL 4 CONSERVATION PRACTICES

(1) Stop all landscape irrigation, and other outdoor watering for residential and commercial customers, not including commercial growers and nurseries, except the minimum irrigation necessary for:

(i) Maintenance of existing landscaping necessary for fire protection as specified by the Fire Marshal of the local fire protection agency having jurisdiction over the property to be irrigated;

(ii) Maintenance of existing landscaping for erosion control;

(iii) Maintenance of plant materials identified to be rare or essential to the well being of rare animals).

(iv) Maintenance of landscaping within active public parks and playing fields, day care centers, school grounds, cemeteries, and golf course greens, provided that such irrigation does not exceed two days per week according to the schedule established in section 5 (b) (1).

(v) Watering of livestock; and

(vi) Public works projects and actively irrigated environmental mitigation projects.

(2) Repair all water leaks within twenty-four (24) hours of notification by the District unless other arrangements are made with the General Manager.

(d) The District may establish a water allocation for property served by the District. If the District establishes water allocation it shall provide notice of the allocation by including it in the regular billing statement for the fee or charge or by any other mailing to the address to which the District customarily mails the billing statement for fees or charges for on-going water service. Following the effective date of the water allocation as established by the District, any person that uses water in excess of the allocation shall be subject to a penalty in the amount as adopted by the Board of Directors from time to time for each billing unit of water in excess of the allocation. The penalty for excess water usage shall be cumulative to any other remedy or penalty that may be imposed for violation of this ordinance.

Section 7. HARSHIP VARIANCE

(a) If, due to unique circumstances, a specific requirement of this ordinance would result in undue hardship to a customer using District water or to property upon which District water is used, that is disproportionate to the impacts to District water users generally or to a similar property or classes of water uses, then the person may apply for a variance to the requirements as provided in this section.

(b) The variance may be granted or conditionally granted, only upon a written finding of the existence of facts demonstrating an undue hardship to a customer using District water or to property upon which District water is used, that is disproportionate to the impacts to District water users generally or to similar property or classes of water use due to specific and unique circumstances of the user or the user's property.

(1) An application for a Hardship Variance shall be in writing and may be accompanied by photographs, maps, drawings, and other information in support of the application.

(2) An application for a Hardship Variance shall be denied unless the General Manager finds based on the information provided in the application, supporting documents, or such additional information as may be requested, and on the water use information for the property as shown by the records of the District, all of the following:

(i) That the variance does not constitute a grant of special privilege inconsistent with the limitation upon other District customers.

(ii) That because of special circumstances applicable to the property or its use, the strict application of this ordinance would have a disproportionate impact on the property or use that exceeds the impacts to customers generally.

(iii) That authorization of such variance will not be of substantial detriment to adjacent properties, and will not materially affect the ability of

the District to effectuate the purpose of this Ordinance and will not be detrimental to the public interest.

(iv) The condition of situation of the subject property or the intended use of the property for which the variance is sought is not common, recurrent or general in nature.

(c) The General Manager shall exercise approval authority and set a hearing within 10 days upon receipt of a completed application for a Hardship Variance. The General Manager shall notify the applicant of the decision to approve conditionally approve or deny the variance within 5 days of the hearing.

(d) A customer may, appeal the decision of the General Manager by filing a request for a hearing before the District Board of Directors within 10 days of the decision. The District will provide written notice of the hearing day to the customer. At the hearing before the Board the customer may present testimony and written documentation demonstrating that the Hardship Variance is warranted in accordance with the requirements of this section. The decision of the Board of Directors shall be final.

Section 8. VIOLATIONS AND PENALTIES

(a) In addition to any other remedies which the District may have for the enforcement of this Ordinance pursuant to Water Code Section 31029, any person, who uses, causes to be used, or permits the use of water in violation of this ordinance is guilty of an offense punishable as provided herein. Each day that a violation of this ordinance occurs is a separate offense. Administrative fines may be levied for each violation of a provision of this ordinance as follows:

(b) FINES

(i) One hundred dollars for a first violation.

(ii) Two hundred dollars for a second violation of any provision of this ordinance within one year of the prior violation.

(iii) Five hundred dollars for each additional violation of this ordinance within one year of the prior violation.

(iv) Violation of a provision of this ordinance is subject to enforcement through installation of a flow-restricting device in the meter.

(c) Each violation of this ordinance may be prosecuted as a misdemeanor punishable by imprisonment in the county jail for not more than 30 days or by a fine not exceeding \$1,000, or by both as provided in Water Code Section 377.

(d) Willful violations of the mandatory conservation measures and water use restrictions as set forth during Stage 4 Drought Emergency condition may be enforced by discontinuing service to the property at which the violation occurs as provided by Water Code Section 346.

(e) All remedies provided for herein shall be cumulative and not exclusive.

Section 9. EFFECTIVE DATE

This ordinance is effective immediately upon adoption or as otherwise established by State law for the Vallecitos Water District.

PASSED, APPROVED AND ADOPTED this 18th date of June, 2008, by the following vote:

AYES: FERGUSON, GENTRY, HANNAN, POLTL, SHELL
NOES:
ABSTAIN:
ABSENT:

ATTEST:

Timothy M. Shell, President
Board of Directors
Vallecitos Water District

William W. Rucker, Secretary
Board of Directors
Vallecitos Water District

The fields in red are required.



Agency name: **Vallacitos Water District**

Reporting unit name
(District name) **Vallacitos Water District**

Reporting unit number: **231**

Primary contact:

First name: **Torrey**

Last name: **Webb**

Email: **twebb@vwd.org**

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.

[Link to FAQs](#)

[View MOU](#)



2009 BMP 1.2 Water Loss Control

Did your agency complete a pre-screening system audit in 2009? Yes ☒ No ☐

If yes, answer the following:

Determine metered sales in AF: **16,309.00**

Definition: other accountable uses not included in metered sales, such as unbilled water use, fire suppression, etc.

→ Determine system verifiable uses AF: **2,215.00**

Determine total supply into the system in AF: **18,524.00**

Does your agency keep necessary data on file to verify the answers above? Yes ☒ No ☐

Did your agency complete a full-scale system water audit during 2009? Yes ☒ No ☐

Does your agency maintain in-house records of audit results or the completed AWWA worksheet for the completed audit which could be forwarded to CUWCC? Yes ☒ No ☐

Did your agency operate a system leak detection program? Yes ☒ No ☐

Comments:

The fields in red are required

Primary contact:

Agency name: Vallecitos Water District

First name: Torrey

Reporting unit name

(District name) Vallecitos Water District

Last name: Webb

Reporting unit number:

231

Email: twebb@vwd.org

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.



[Link to FAQs](#)

2009

BMP 1.2 Water Loss Control

[View MOU](#)



AWWA Water Audit

Agency to complete a Water Audit & Balance Using The AWWA Software ☒ Yes ☐ No
Email to natalie@cuwcc.org - Worksheets (AWWA Water Audit). Enter the name of the file below:

Vallecitos 2009 Water Audit.xls

Water Audit Validity Score
from AWWA spreadsheet

71

Agency Completed Training In The AWWA Water Audit Method

☒ Yes ☐ No

Agency Completed Training In The Component Analysis Process

☒ Yes ☐ No



Completed/Updated the Component Analysis (at least every 4 years)?

☒ Yes ☐ No



Component Analysis Completed/Updated Date 06/27/2011

Water Loss Performance

Agency Repaired All Reported Leaks & Breaks To The Extent Cost Effective

☒ Yes ☐ No

Recording Keeping Requirements:

Date/Time Leak Reported

Leak Location

Type of Leaking Pipe Segment or Fitting

Leak Running Time From Report to Repair

Leak Volume Estimate

Cost of Repair

Agency Located and Repaired Unreported Leaks to the Extent Cost Effective

☒ Yes ☐ No

Type of Program Activities Used to Detect Unreported Leaks

Annual Summary Information

Complete the following table with annual summary information (required for reporting years 2-5 only)

Total Leaks Repaired	Economic Value Of Real Loss	Economic Value Of Apparent Loss	Miles Of System Surveyed For Leaks	Pressure Reduction Undertaken for loss reduction	Cost Of Interventions	Water Saved (AF/Year)

Comments:

version 1.0

2010

The fields in red are required.

Primary contact:

Agency name: Vallecitos Water District

First name: Torrey

Reporting unit name

(District name) Vallecitos Water District

Last name: Webb

Reporting unit number: 231

Email: twebb@vwd.org

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.



BMP 1.3 Metering with Commodity

[Link to FAQs](#)

[See the complete MOU: View MOU](#)

[See the coverage requirements for this BMP: ?](#)

Implementation

Does your agency have any unmetered service connections?

☐ Yes ☒ No

If YES, has your agency completed a meter retrofit plan?

☐ Yes ☒ No

Enter the number of previously unmetered accounts fitted with meters during reporting year:

Are all new service connections being metered?

☒ Yes ☐ No

Are all new service connections being billed volumetrically?

☒ Yes ☐ No

Has your agency completed and submitted electronically to the Council a written plan, policy or program to test, repair and replace meters?

☐ Yes ☒ No

Please Fill Out The Following Matrix

Account Type ?	# Metered Accounts	# Metered Accounts Read	# Metered Accounts Billed by Volume ?	Billing Frequency Per Year	# of estimated bills/yr
Single-Family	18,009	18,009	18,009	Monthly	
Multi-Family	506	506	506	Monthly	
Commercial	760	760	760	Monthly	
Industrial	120	120	120	Monthly	
Institutional	134	134	134	Monthly	
Dedicated Irrigation	809	809	809	Monthly	
Agricultural	172	172	172	Monthly	
Fire Lines	437	437	437	Monthly	
Other	25	25	25	Monthly	
Other				Monthly	

Number of CII Accounts with Mixed-use Meters

Number of CII Accounts with Mixed-use Meters Retrofitted with Dedicated Irrigation Meters during Reporting Period

Feasibility Study

Has your agency conducted a feasibility study to assess the merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters? ☒ Yes ☐ No

If YES, please fill in the following information:

A. When was the Feasibility Study conducted

B. Email or provide a link to the feasibility study (or description of):

File name(s): Email files to natalie@cuwcc.org

Enter the file name here e.g. WaterWastePreventionOrdinance

Web address(s) URL: comma-separated list

Enter the URL to your documentation.

General Comments about BMP 1.3:

The fields in red are required:

Primary contact:

Agency name: Vallecitos Water District

First name: Torrey

Reporting unit name

(District name) Vallecitos Water District

Last name: Webb

Reporting unit number: 231

Email: twebb@vwd.org

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.



2009

BMP 1.4 Retail Conservation Pricing

[Link to FAQs](#)

[View MOU](#)

If you are reporting more rate structures than this form allows, add the structures to a spreadsheet and send the file to natalie@cuwcc.org.

Implementation (Water Rate Structure)

Enter the Water Rate Structures that are assigned to the majority of your customers, by customer class

Rate Structure	Customer Class	Total Revenue	Commodity Charges	Total Revenue Customer Meter/Service (Fixed Charges)
Increasing Block	Single-Family	7,826,243.00		3,884,868.00
Increasing Block	Multi-Family	2,930,517.00		1,187,513.00
Increasing Block	Commercial	1,675,481.00		417,399.00
Increasing Block	Industrial	285,741.00		65,095.00
Increasing Block	Institutional	377,635.00		142,214.00
Increasing Block	Dedicated Irrigation	1,411,088.00		649,106.00
Increasing Block	Agricultural	1,031,569.00		127,863.00

Implementation Option (Conservation Pricing Option)

- ☒ Use Annual Revenue As Reported
☐ Use Canadian Water & Wastewater Association Rate Design Model

If CWWA is select, enter the file name and email the spreadsheet to natalie@cuwcc.org

Retail Waste Water (Sewer) Rate Structure by Customer Class

Agency Provide Sewer Service

☐ Yes ☐ No

Select the Retail Waste Water(Sewer) Rate Structure assigned to the majority of your customers within a specific customer class.

Rate Structure	Customer Class	Total Revenue	Commodity Charges	Total Revenue Customer Meter/Service (Fixed Charges)
Uniform	Single-Family	5,706,345.00		0.00
Uniform	Multi-Family	3,731,524.00		0.00
Uniform	Commercial	1,414,950.00		0.00
Uniform	Industrial	61,553.00		0.00
Uniform	Institutional	147,329.00		0.00
Uniform	Dedicated Irrigation	0.00		0.00
Uniform	Agricultural	0.00		0.00

Comments:

The fields in red are required.

Primary contact:

Agency name: Vallecitos Water District

First name: Torrey

Click here to open a table that displays your agency name reporting unit name and reporting unit number. Please ensure that you enter the correct information.

Reporting unit name

(District name) Vallecitos Water District

Last name: Webb

Reporting unit number:

231

Email: twebb@vwd.org



2009

BMP 2.1 Public Outreach - Retail Reporting

[Link to FAQs](#)

[View MOU](#)

Is a Wholesale Agency Performing Public Outreach?

Are there one or more wholesale agencies performing public outreach which can be counted to help your agency comply with the BMP?

☒ Yes ☐ No

Enter the name(s) of the wholesale agency (comma delimited)

San Diego County Water Authority

Is your agency performing public outreach?

Report a minimum of 4 water conservation related contacts your agency had with the public during the year.

Public Information Programs List

Did at least one contact take place during each quarter of the reporting year? ☒

Number of Public Contacts	Public Information Programs
2	Newsletter articles on conservation
4	Flyers and/or brochures (total copies), bill stuffers, messages printed on bill, information packets
1	Landscape water conservation media campaigns
5	General water conservation information
1	Website

Contact with the Media

Are there one or more wholesale agencies performing media outreach which can be counted to help your agency comply with the BMP?

☒ Yes ☐ No

Enter the name(s) of the wholesale agency (comma delimited)

San Diego County Water Authority

OR Retail Agency (Contacts with the Media)

Did at least one contact take place during each quarter of the reporting year? ☒

Media Contacts List

Number of Media Contacts	Did at least one contact take place during each quarter of the reporting year?	Media Contact Types
5		Articles or stories resulting from outreach
6		News releases
10		Newspaper contacts
2		Radio contacts
6		Television contacts
		Select a type of media contact

Is a Wholesale Agency Performing Website Updates?

Did one or more CUWCC wholesale agencies agree to assume your agency's responsibility for meeting the requirements of and for CUWCC reporting of this BMP?

☐ Yes ☒ No

Enter the name(s) of the wholesale agency (comma delimited)

Is Your Agency Performing Website Updates?

Enter your agency's URL (website address):

www.vwd.org

Describe a minimum of four water conservation related updates to your agency's website that took place during the year:

Newsletter
Drought declaration
Drought ordinance
Education updates

Did at least one Website Update take place during each quarter of the reporting year?

☒ Yes ☐ No

Public Outreach Annual Budget

Enter budget for public outreach programs. You may enter total budget in a single line or break the budget into discrete categories by entering many rows. Please indicate if personnel costs are included in the entry.

Category	Amount	Personnel Costs Included? If yes, check the box.	Comments
Public Awareness	\$182,000	<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	

Comments:

The fields in red are required.



Agency name: Vallecitos Water District
Reporting unit name (District name): Vallecitos Water District
Reporting unit number: 231
Primary contact:
First name: Torrey
Last name: Webb
Email: twebb@vwd.org

Click here to open a table that displays your agency name reporting unit name and reporting unit number. Please ensure that you enter the correct information.

[Link to FAQs](#)

2009

BMP 2.1 Public Outreach Cont'd

[View MOU](#)

Public Outreach Expenses

Enter expenses for public outreach programs. Please include the same kind of expenses you included in the question related to your budget (Section 2.1.7, above). For example, if you included personnel costs in the budget entered above, be sure to include them here as well.

Expense Category	Expense Amount	Personnel Costs Included?
Newsletter	\$45,000	<input type="checkbox"/> If yes, check the check box.
Outreach and Advertising	\$40,000	<input type="checkbox"/>
Education	\$15,000	<input type="checkbox"/>
Water Awareness Campaign	\$5,000	<input type="checkbox"/>

Additional Public Information Program

Please report additional public information contacts. List these additional contacts in order of how your agency views their importance / effectiveness with respect to conserving water, with the most important/ effective listed first (where 1 = most important).

Were there additional Public Outreach efforts?

☐ Yes ☒ No

Public Outreach Additional Information

Public Information Programs	Importance

Social Marketing Programs

Branding

Does your agency have a water conservation "brand," "theme" or mascot? ☐ Yes ☒ No

Describe the brand, theme or mascot.

Market Research

Have you sponsored or participated in market research to refine your message? ☐ Yes ☒ No

Market Research Topic

Brand Message

Brand Mission Statement

Community Committees

Do you have a community conservation committee?

☒ Yes ☐ No

Enter the names of the community committees:

North County Water Agencies; Joint Powers Information Committee (JPIC) San Diego County Water Authority

Training

Training Type	# of Trainings	# of Attendees	Description of Other

Social Marketing Expenditures

Public Outreach Social Marketing Expenses

Expense Category	Expense Amount	Description
Outreach and Advertising	5,000	Designated for ads to encourage conservation - newspapers, school athletic

Partnering Programs - Partners

Name

Type of Program

☐ CLCA?

☐ Green Building Programs?

☐ Master Gardeners?

☐ Cooperative Extension?

☐ Local Colleges?

☐ Other

☐ Retail and wholesale outlet; name(s) and type(s) of programs:

Partnering Programs - Newsletters

Number of newsletters per year

4

Number of customers per year

144,000

Partnering with Other Utilities

Describe other utilities your agency partners with, including electrical utilities

Conservation Gardens

Describe water conservation gardens at your agency or other high traffic areas or new

Landscape contests or awards

Describe water wise landscape contest or awards program conducted by your agency

Comments:

Vallejos participates in a regional contest with other water districts in the county. Winners receive gift certificates, Board of Director recognition, and coverage in District publications.

The fields in red are required



Agency name: **Vallecitos Water District**

Reporting unit name

(District name) **Vallecitos Water District**

Reporting unit number: **231**

Primary contact:

First name: **Torrey**

Last name: **Webb**

Email: **twebb@vwd.org**

Click here to open a table that displays your agency name reporting unit name and reporting unit number. Please ensure that you enter the correct information.

[Link to FAQs](#)

[View MOU](#)

2009

BMP 2.2 School Education Programs, Retail Agencies School Programs

Is a wholesale agency implementing school programs which can be counted to help your agency comply with this BMP?

☒ Yes ☐ No

Enter Wholesaler Names, separated by commas:

San Diego County Water Authority

☐ Materials meet state education framework requirements?

Description of Materials

☒ Materials distributed to K-6 Students?

Description of materials distributed to K-6 Students

Presentations from Splash Lab!, presentations, water conservation calendar, waterwise reminders through rulers, pencils, giveaways at community events.

Number of students reached

1,220

☐ Materials distributed to 7-12 Students?

Description of materials distributed to 7-12 Students

Presentations, waterwise giveaways at community events, facility tours, essay contests

Number of Distribution

400

Annual budget for school education program

\$35,000.00

Description of all other water supplier education programs

Presentations on regional water supply, water movement, environmental aspects, games, water quality tests, poster contests

School Program Activities

Classroom presentations:

Number of presentations

70

Number of attendees

1200

Large group assemblies:

Number of presentations

0

Number of attendees

0

Children's water festivals or other events:

Number of presentations

0

Number of attendees

0

Cooperative efforts with existing science/water education programs (various workshops, science fair awards or judging) and follow-up:

Number of presentations

0

Number of attendees

0

Other methods of disseminating information (i.e. themed age-appropriate classroom loaner kits):

Description

Number distributed

0

Staffing children's booths at events & festivals:

Number of booths

3

Number of attendees

80000

Water conservation contests such as poster and photo:

Description

Water conservation poster contest completed annually with neighboring water districts

Number distributed

500

Offer monetary awards/funding or scholarships to students:

Number Offered

0

Total Funding

0

Teacher training workshops:

Number of presentations

1

Number of attendees

40

Fund and/or staff student field trips to treatment facilities, recycling facilities, water conservation gardens, etc.:

Number of tours or field trips

30

Number of participants

200

College internships in water conservation offered:

Number of internships

0

Total funding

0

Career fairs/workshops:

Number of presentations

0

Number of attendees

0

Additional program(s) supported by agency but not mentioned above:

Description

Number of events (if applicable)

Number of participants

Total reporting period budget expenditures for school education programs (Include all agency costs):

Comments

The fields in red are required.



Agency name:
Reporting unit name
(District name)
Reporting unit number:

Primary contact:
First name:
Last name:
Email:

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.

[Link to FAQs](#)

[View MOU](#)

2009

BMP 3 Residential

☐ Traditional
(Sections A - D)

☒ Flex Track
(All Sections)

For Traditional Track please answer the fields within the traditional boxes.

For Flex Track option, please answer the fields within the flex track boxes.

You must enter all measured water savings manually. For each measure entered, upload a spreadsheet with sufficient information to show the way that water savings were measured and that the measure was adequately tracked (i.e., all relevant data was collected) - in some cases there are specific data points also requested in form which are necessary to show that the measure was implemented as described.

A) Residential Assistance / Leak Detection

		Single Family	Multi Family	Total Water Savings AF/YR	Measured Water Savings AF/YR
Traditional	Total Number of Accounts	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Total Number of Participants Overall	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Total Number of Leak-Det Surveys	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Total Number of Showerheads	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Total Number of Faucet Aerators	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Total Number of Landscape Water Survey	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Number of Other Components	<input type="text"/>		<input type="text"/>	<input type="text"/>
Description of Other Components Distributed		<input type="text"/>			

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

B) High Efficiency Clothes Washers (HECWs)

		Measured water savings (AF/Year)
Traditional	Number of incentives for HECWs with an AVERAGE Water Factor of 5.0	<input type="text"/>
	Are Financial incentives provided for HECWs ?	<input type="radio"/> Yes <input type="radio"/> No
	Has your Agency completed a HECW Market Penetration Study (this question does not impact your coverage report, purely informational)	<input type="radio"/> Yes <input type="radio"/> No
	HECW Market Penetration Study Documents (Enter the file name and Email file to Natalie@cuwcc.org)	<input type="text"/>

If you are using your own water-savings measure, send your supporting spreadsheet.
Enter the file name and Email to Natalie@cuwcc.org

C) WaterSense Specification (WSS) Toilets

(Agency must complete information for at least one coverage option (For Traditional 1, 2, or 3; For Flex Track 1, 2, 3, or 4).
You are encouraged to include information on other coverage options, as available.
If seeking credit for additional water savings, you must select Flex Track option)

Traditional	1. Retrofit Resale Ordinance is in Place <input type="radio"/> Yes <input type="radio"/> No If Yes, Choose A File (Enter the file name and Email file to Natalie@cuwcc.org) <input type="text"/>																			
	2. A 75% Market Saturation Achieved <input type="radio"/> Yes <input type="radio"/> No If yes, Choose A File (Enter the file name and Email file to Natalie@cuwcc.org) <input type="text"/>																			
Flex Track	3. WSS Toilets Installed																			
	<table border="1"><thead><tr><th></th><th>Single Family</th><th>Multi Family</th></tr></thead><tbody><tr><td>Number of WSS Toilets Installed</td><td><input type="text"/></td><td><input type="text"/></td></tr><tr><td>Measured Water Savings AF/YR</td><td><input type="text"/></td><td><input type="text"/></td></tr></tbody></table>		Single Family	Multi Family	Number of WSS Toilets Installed	<input type="text"/>	<input type="text"/>	Measured Water Savings AF/YR	<input type="text"/>	<input type="text"/>										
		Single Family	Multi Family																	
	Number of WSS Toilets Installed	<input type="text"/>	<input type="text"/>																	
Measured Water Savings AF/YR	<input type="text"/>	<input type="text"/>																		
4. Non-WSS Toilets																				
<table border="1"><thead><tr><th>Type of Toilets</th><th colspan="2">Single Family</th><th colspan="2">Multi Family</th></tr><tr><th></th><th>Number of Toilets</th><th>Water Savings</th><th>Number of Toilets</th><th>Water Savings</th></tr></thead><tbody><tr><td>Select an Option</td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr><tr><td colspan="5">Description of Other Non-WSS Type of Toilets <input type="text"/></td></tr></tbody></table>	Type of Toilets	Single Family		Multi Family			Number of Toilets	Water Savings	Number of Toilets	Water Savings	Select an Option	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Description of Other Non-WSS Type of Toilets <input type="text"/>				
Type of Toilets	Single Family		Multi Family																	
	Number of Toilets	Water Savings	Number of Toilets	Water Savings																
Select an Option	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>																
Description of Other Non-WSS Type of Toilets <input type="text"/>																				
If you are using your own water-savings measure, send your supporting spreadsheet. Enter the file name and Email to Natalie@cuwcc.org <input type="text"/>																				

D) WSS for New Residential Development

(Agency must complete information for at least one coverage option. You are encouraged to include information on other coverage options, as available. If seeking credit for additional water savings you must select the Flex Track option)

Traditional

	Single Family	Multi Family
Residential development Rebates	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>
Recognition Programs	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>
Reduced connection Fees	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>
Ordinances	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>

New Development Ordinance

(Enter the file name and Email file to Natalie@cuwcc.org)

Number of new Single Family Units built in Service Area

Number of new Multi Family Units built in Service Area

In the following table, enter one row for each incentive type program you offer

List of Incentive Amount

Incentive Type	Incentive Amount	Number of WSS fixtures Installed	Number of Participating		Measured Water Savings	
			Single Family	Multi Family	Single Family	Multi Family

Flex Track

If you are using your own water-saving measure, send your supporting spreadsheet

Enter the file name and Email to Natalie@cuwcc.org

For Traditional Option, Stop Here, do not go further.

For Flex Track Option, please continue...

Flex Track Menu Options

In addition to the measures on the BMP List, the Flex Track menu options may be implemented to meet the savings goal for this BMP. Fill in the water savings measures that your agency has implemented.

E) High bill contact with single-family and multi-family customers

Measured
water savings
(AF/Year)

Select the Types of Contact:

- ☐ Email ☐ Phone ☐ Letter ☐ Others (describe)

Upload sample of contact contents (email, letter, etc.)

– if applicable, enter the file name and email file to Natalie@cuwcc.org

Who initiated the contact:

(Please Specify customer, agencies, or both)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)

(Enter the file name and Email file to Natalie@cuwcc.org)

F) Educate residential customers about the behavioral aspects of water conservation

Measured
water savings
(AF/Year)

Select types of educational
methods used:

- ☐ Workshop
☐ Community Event
☐ Letter
☐ On-Site Visit
☐ Phone Call
☐ Water Survey
☐ Website Hit
☐ Door Hanger
☐ Other (Describe)

Events

<input type="text"/>
<input type="text"/>
<input type="text"/>
<input type="text"/>
<input type="text"/>
<input type="text"/>
<input type="text"/>
<input type="text"/>
<input type="text"/>

Customers Reached

<input type="text"/>
<input type="text"/>
<input type="text"/>
<input type="text"/>
<input type="text"/>
<input type="text"/>
<input type="text"/>
<input type="text"/>
<input type="text"/>

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)

(Enter the file name and Email file to Natalie@cuwcc.org)

G) Notify residential customers of leaks on the customer's side of the meter

--

**Measured
water savings
(AF/Year)**



(Enter the file name and Email file to Natalie@cuwcc.org)

--

**Measured
water savings
(AF/Year)**



A black and white photograph showing a close-up of a highly textured surface. The texture is dense and irregular, with many small, dark, rounded protrusions or indentations. The overall appearance is somewhat granular or crystalline, resembling a mineral surface or a very coarse fabric. The lighting is somewhat uneven, with brighter areas towards the top and darker areas towards the bottom, highlighting the three-dimensional quality of the texture.

[illegible]

Enter the file name and Email to Natalie@cuwcc.org

Measured water savings (AF/YR)

[illegible]

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

J) Install residence water use monitors.

Type of Monitor	Brand	Number Installed	Measured water savings (AF/Year)
<input type="checkbox"/> Dashboard	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Leak Detector	<input type="text"/>	<input type="text"/>	
<input type="checkbox"/> Data Logger	<input type="text"/>	<input type="text"/>	

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

K) Participate in programs that provide residences with school water conservation kits.

Number of Kits Distributed

Kit contents (including model of fixtures)

List of what was actually installed in the homes (number of showerheads, aerators etc).

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

L) Implement an automatic meter reading program for residential customers.

AMR or AMI Select an Option Type of Network Select an Option

Number of connections installed

☐ Is your agency using these to contact high water-use customers?

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

OTHER Types of Measures.

Type of Program	Sample / Description	Measured Water Savings (AF/YR)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org).

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Comments

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Table 3-1: Base Daily per Capita Water Use – 10-Year Range

Base period year		Distribution System Population	Daily System Gross Water Use (MGD)	Average Daily per Capita Water Use (gpcd)	Average gpcd 10-Year
Sequence Year	Fiscal Year End				
Year 1	1995	50,149	8.81	175.6	
Year 2	1996	51,974	10.06	193.6	
Year 3	1997	53,865	10.45	193.9	
Year 4	1998	55,825	9.59	171.8	
Year 5	1999	57,856	10.73	185.5	
Year 6	2000	59,968	12.48	208.1	
Year 7	2001	60,481	12.08	199.7	
Year 8	2002	64,154	13.33	207.7	
Year 9	2003	67,191	13.41	199.6	
Year 10	2004	70,668	14.91	211.0	
Year 11	2005	75,992	14.30	188.2	195.9
Year 12	2006	79,986	15.30	191.2	195.7
Year 13	2007	82,967	17.29	208.3	197.1
Year 14	2008	85,910	16.55	192.7	199.2
Year 15	2009	86,673	15.53	179.2	198.6
Year 16	2010	87,728	13.56	154.6	193.2
Base Daily per Capita Water Use					199.2